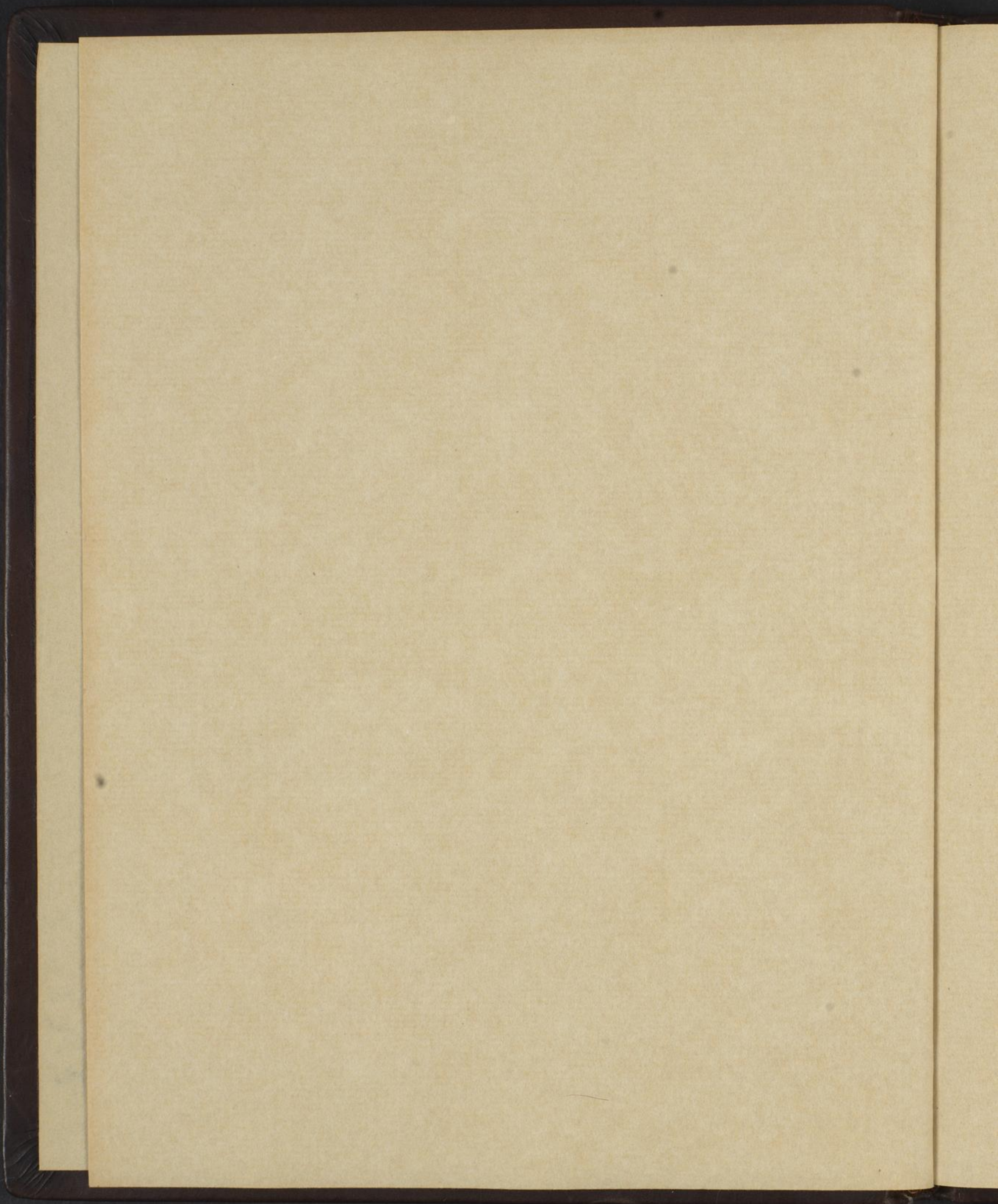
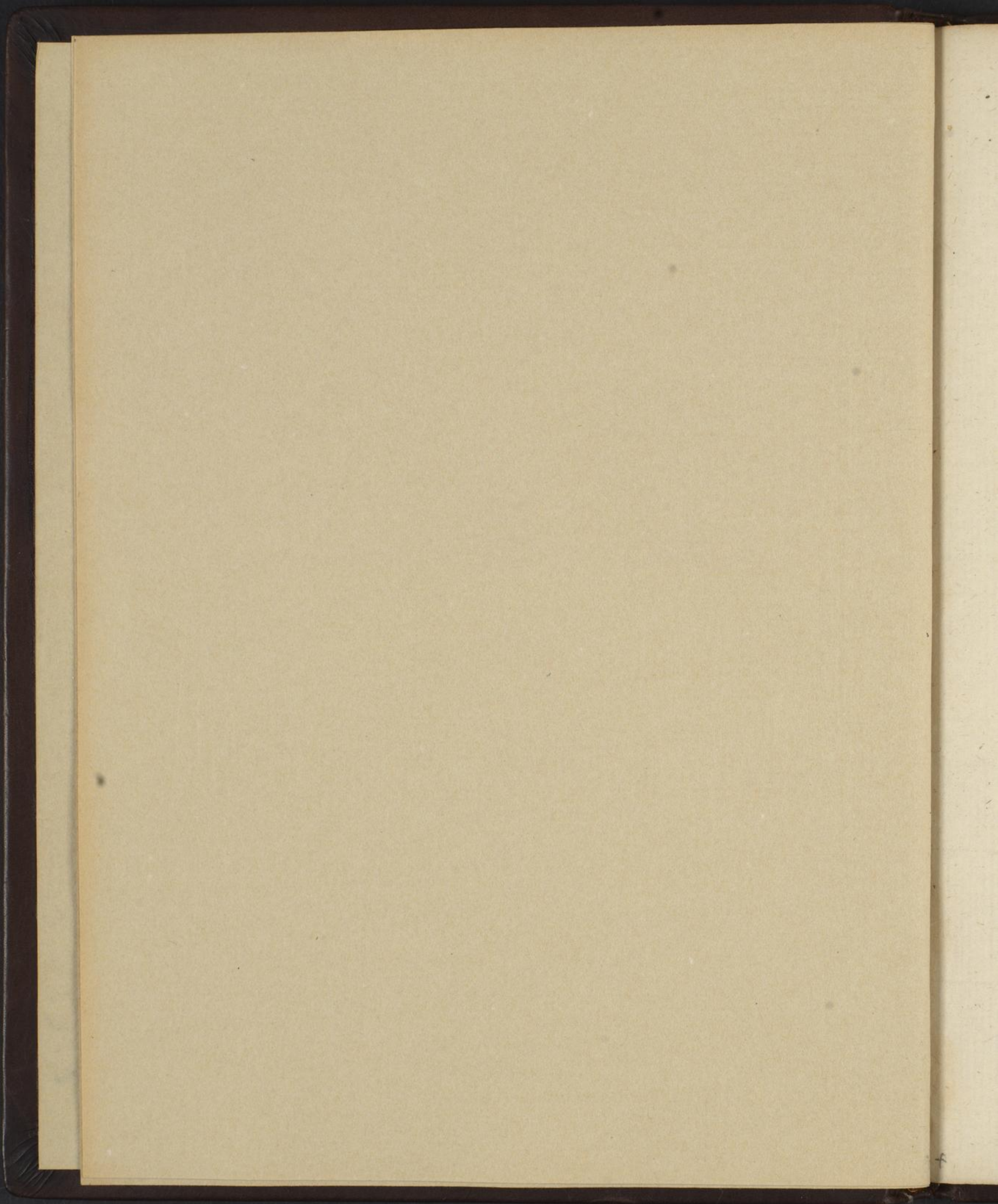
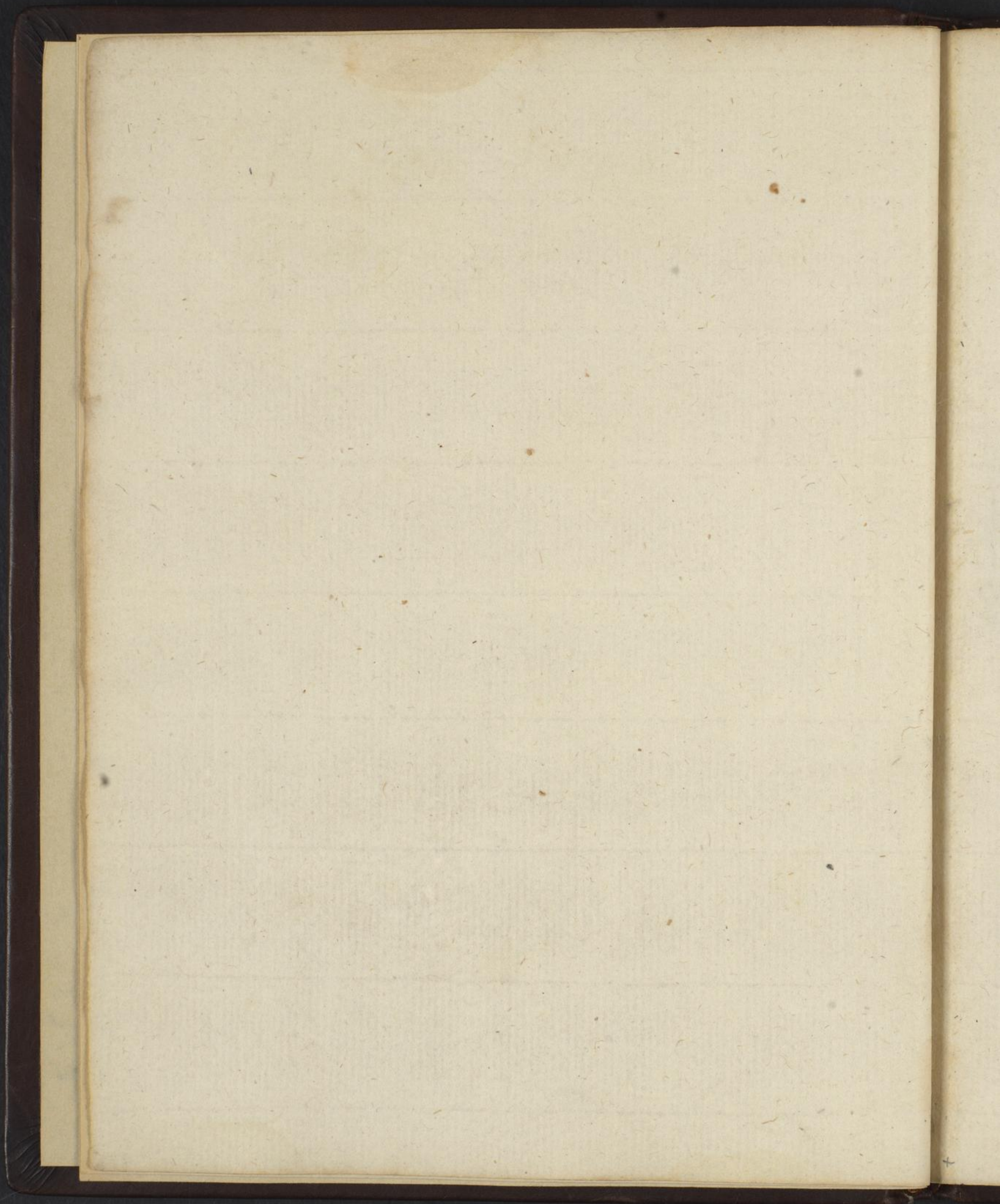


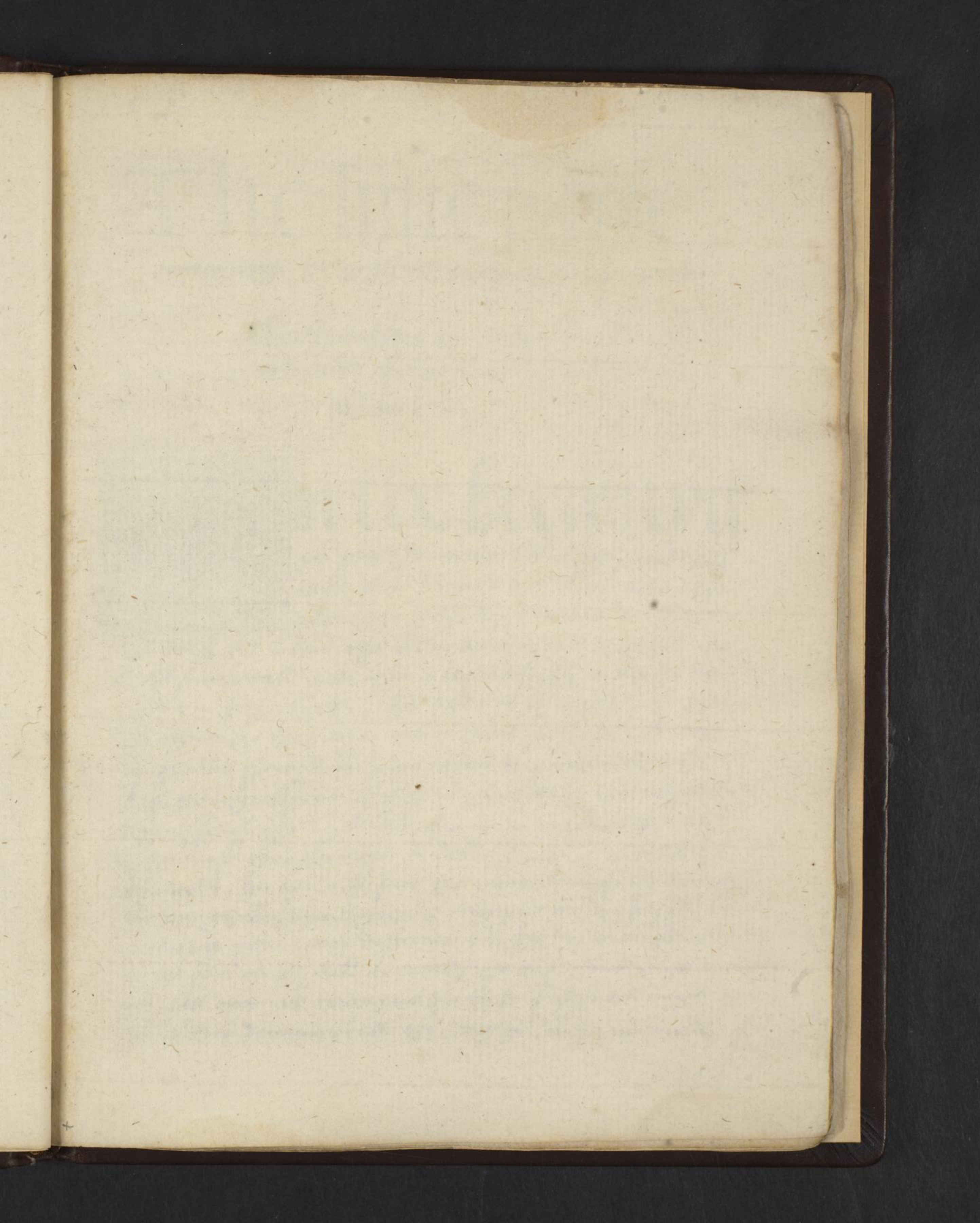
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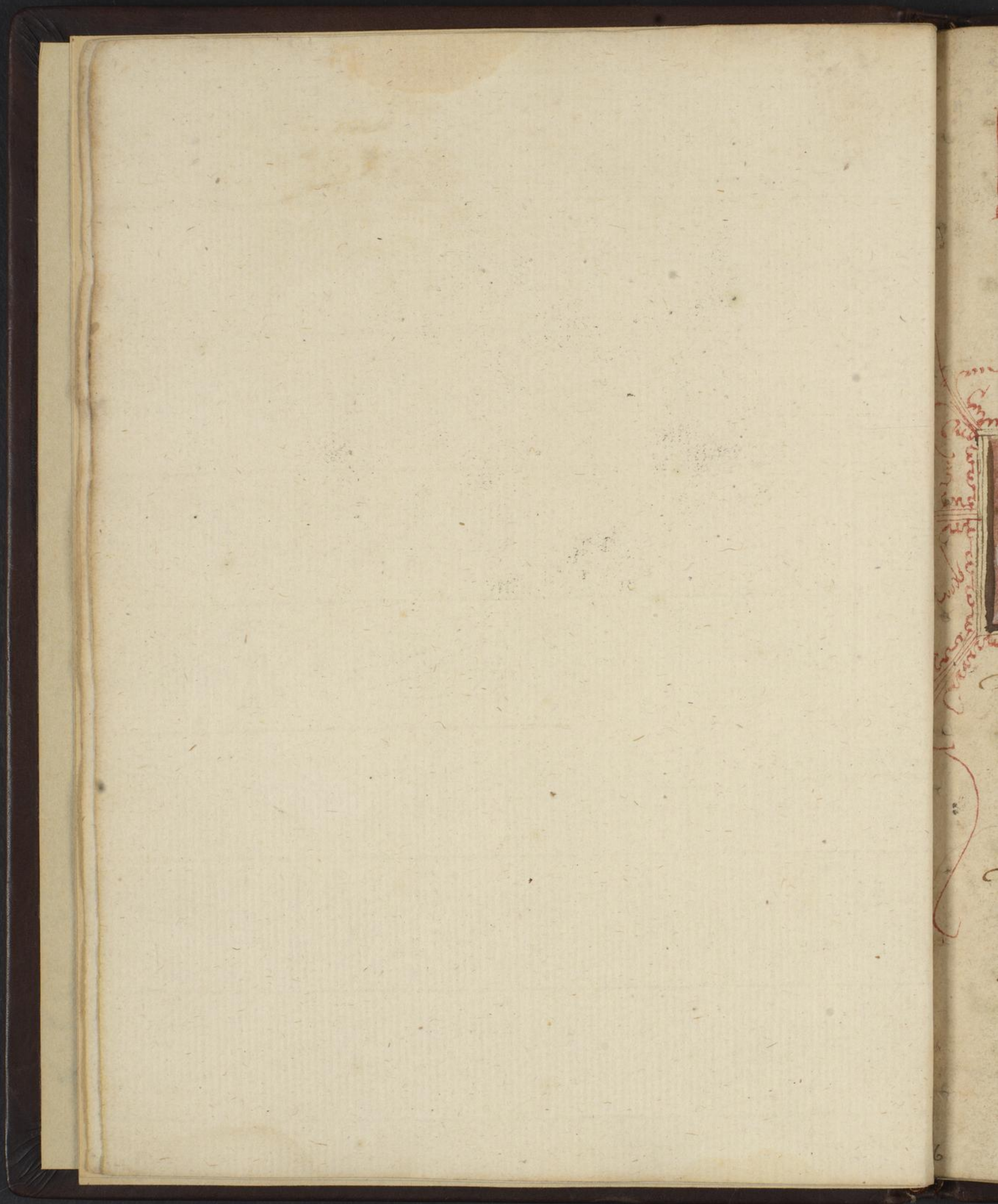












The firste parte

conteynynge the instruction of the Ephemeride

First consider the disposition
and order of the Ephemeride,
Capp.

In the begynnyng

ye put the nomber of the yere to
whiche belongeth the Almanacke & geve
folowynge the golden nomber. The

Cycle of the Sonne the letter dominicall. The Indiction
The Interuall and other notable facts and yf ther
shall any of thes things suffer defaulte of tyme & ye to saye
yf either the Sonne or moone shall suffer the Eclipse
yt shall be shewyd to signification or portendure thereof.
Also the ingressions of y few planett & how longe ther
ingressions shall endure yf any do require yt. Also
The table turnyd over a double kynde of letters ye
presentyd. In the left face the nombers of the yeres
mouynge to theyr degreys & mynuths ar disposed.
But that yow may dysturbe any thinge more playner.
in the face of the backe toward the left hand The moneths
ye sett out to certayne the ffe festynall dayes &
the letter dominicall thorowlye to the nomber of
of dayes.

the dayes, that a sure moonyng may be assigned unto
 all may in a certayne knowne tyme. After that
 followeth .viij. colunnes, divided in severall kindes
 of the which the first colunne is of the **bow. 0.**
 the **second** of the **mon.** the **viij.** of the **mon.**
 to the **head** of the **dragon.** the **other .v.** myddell
 colunnes or pillars, are adstryked to **Saturne**
Jupiter Mars Venus & Mercury. the **ix.** prop
 heretofore above theym shewing this order. Also vnder
 Colunne hath a double order of **numbers** that is
 of **degrees & minutes.** by letters in the **head** of
 the **mon.** marked thus **E. & M.** which of what
 signe they be the letter must above be **set** **clarly.**
 Every true moonyng here marked is referred to
 the **name** of the **same** day, to the **number** of the
mon. daye the **degrees & minutes** be **opposed** of
 the **same** moonyng, lest they put the **dayes** **equal**
 as the **supputation** **astronomical** requireth. But
 vnder Colunne of the **planets** carryeth two letters
 in the **head.** which dothe shew the **parte** of the
latitude to the **beginning** of the **mon.** in the
 two letters **S. A.** **Septentrional** **ascendent,** to
 those that hath **S. D.** the **planet** is **signified**
Septentrional **descendent.** So **M** and **D** signifieth
 the **meridian** **descendent.** and **M** and **A** the **meri-**
dian **ascendent.** You shall find the **latitudes** of the
.v. **planets** in **degrees** and **minutes** in the **rule** of
 the **mon.** to the **first** daye the **.10.** & the **.20.** daye
 of the **mon.** **aforsaid.** which shall take their names
 according to the **signe** of the **capitall** letters **set** **above**

and

and shall sett into the planet / so out in the first of
the numbers from the head of the column to the foot
of the same depending the letters. S. M. or. A. D.
having drawn to meet making a diameter / for
find the latitude of the planet other of his aspect
or distance shall be changed in latitude for the position
of the letter. Now last lett be done what ye
marked on the right side or side of the book / And
the greater part of the interpretation for the capital
title expounded / that ye the aspect of the moon to
the. **S**on & planet. in. 6. column by expounded
whose houses their properties or houses in the
heads of the ^{aspects of the} Son & other planet / And the difference
of the aspect also by their houses marked taking
beginning from the midday or noon to the hour
in the which the said aspect be performed or done
But the conjunction of the son & the moon their opposition
& quadrature not only in houses but also in minutes
be marked in the column of the Son next the house
also from the left hand ye the number of the days
of the month what so it be. That right aspect may
be noted in certain times / They follow the
aspects of the Son & other planet between the
solar rise from the hour as the knowledge of the moving
requires to be set. Next meaning the position
of the moon in the head & the table of the dragon
last or finally a certain peculiar accident ye
showed to the planet from the Son that ye may
know or Orientall or occidentall / their accident be

showed by

shewyd by thysse two syllabylles. Or and. Oct. sett
or putt over the grade of the .s. Columnys / and the
ye for the order & disposicion of the Ephemerides.

To senche the Golden nomber the letter
dominical. Indiction & movable feastes Ca. 2.

The furste lease of every
Ephemerides the said propounded / for
ther shall you fynde put on the ryght
hande the nomber of the daye of the moneth after
that the ar expressed the movable feaste when they
myght so be celebrated so that any pson wth litle
studye may knowe yt by hym self. So by the order
the Golden nomber the letter dominical the Cycle
of the son and the Indiction & ar sett forth playnly.

To notifie the rarity of planett signis
and aspects Ca. 3.

The old sapient & wysse of the religious
heringe for the comon use of the names of
the .12. signis of the zodiac. the .7. planett
& also of the .4. aspects of the heade & the tayle
of the dragon of the moone & of the conjunctions dyd
prograte certayne sayntes wth the names of the
names myght be the more easelye declared to
reader. For they wyllynge to signifye the sayn-
tallye saynt. put only the heryng of the sayn-
t to signifye the sunne in the same maner. V. The
for sayntes wyllynge to the sunne they put the heryng

figured 8. / For Gemini they have two colupnyls knytt
to gether in this manner. II. For Cancer they have
the two hornys of Cancer or the Crabbe y^e so maked
For the Lion the taylor of the Lion in this forme. A.
For Virgo or the Virgyn they have the pleyte of
a maydens garmente or at som call yt the gown
of her garmente yn this forme m. For Libra or
the Salamm the syp park of the same thus signified
== For Scorpior called y^e Scorpien the knottys
taylor of the same m. For Sagittary an arrow
in this forme + / For Capricorne or the goat the
taylor of Capricorne the hevyntly ymage in this
manner. p. / For Aquary two fydys thus m.
For Pisces called the ffishys thus ymagined A.
For in the hevyntly ymage the hevyntly sterres
called the ffishys as yt wer in a hnde ar fydyned
to gether in the myddell. But they wyllynge to
expresse the hnde e the taylor of the dragon of
the mon. made two halfe wyntlyb ruynges vnto
the knott that they myght signyfy the hnde of
the dragon in this forme o. and the taylor therof
contrary demward in this manner. q. 3.

They for Saturne they paynted an old man wth
a staff in his hand after this manner H. For Jupiter
a man a longe berynge & shepter thus L. For
Mars. a Darte of warre in this forme A. For
the Sun the forme of the Sun thus rounde. O.
For the moon the ymage of her as thus D. For
Venus the ymage of a mayde thus f. / For Mercury

A yonge man berynge flowers in his holmolt thus
portrayd &

Chasped for asynge at yt yt & distanne aucte
dynge to certayne pte of the zodyacke as the denomy-
nacion of the yere sheweth weryngs other lareys
be an aser foundacyon of the denomy nacion out of
maner / ffor in the .12. signys of the zodyacke the
bey. 4. pte of a november many tymes takyn
renderinge the same or an signification. ffor the .12.
signys haue first a syet parte, that yt two signys
wysse makynge & seyntly aspekte and therfor yt so
called be cause yt holdeth the .6. pte of the circle
wysse .6. tymes goynge from com' cente the
same noted by the maner. * wysse disposed in
the circle, dyvidynge yt into .6. equalle portyonis.
The .12. signys haue also a fourth pte. that yt
3. signys of the wysse yt made a quadrat aspekte
wysse yt called a quartile for that cause yt holdeth
a fourth pte of the zodyacke wysse quadrat or
quartile the same feyned in this maner. □.
wysse set in the circle dyvidynge yt into .4. equalle
pte takynge into every syde or quarter. 3. signys.
Further the .12. signys of the zodyacke haue &
thyrde parte, that yt to saye. 4. signys makynge
& thyrde aspekte wysse yt so called be cause yt
comprehendeth a thyrde parte wysse the triangle
equall syde the same marked thus. Δ. wysse put
in the circle takynge .4. signys on every syde.

ffynally the .12. signys of the zodyacke haue also .8.

& second

4
second parte or an halfe that is .6. signys of the
wyngs by cause the vntremys by the halfe ar opposit
or contrary therfor yt is nominatyd y opposit
or the opposite aspect wyngs in two roundly
opposite they same notyd thus o. It saies pleased
theynd also for that cause to descreybe the comyntion
in one roundly in this maner o.

ffor asynge at the .12. signys of the zodyak. saies
none other pte than ar novembryd therfor ther
shalbe no mo aspect than theys aforsaid. ffor the
distanc of .5. signys is none aspect. for .5.
ar not any pte of .12. / Nor yet the distanc by
com signys for com is no november but the
begynnyng of november. therfor com pperly
is not calld a parte of .12. round rather yt is
to be calld the begynnyng of a pte and y
more by cause yt mesureth vnto november / and
thelss yt differeth not in mesurynge november
from november.

The trewe moonyng of the Sonne and
the moon and of the .5. planetys of the
hede e the tayle of the dragon of y moon
to take or sende at none of vnto daye Ca. 4.

Serche of the daye proposed among
the novembrys of the dayes of the moneth
and that in the first order of novembrys
on the left side and right agaynst y
same.

same number of the day toward the right hand
in the column under the face of the planet of
the house from which the true place descend to
the day proposed for the house shall find two borders
of the house the first is the day the second is the
the number of the of the same sign which is not
put a bow. These degrees & minutes that found
by the true place of that planet, degrees & minutes
to the noon or middell of the same day. But if
true place of the face of the dragon of the moon is
encreased found by the opposite sign of true place
of the head of the dragon of the moon & in the day
of a like number.

The true place of the sunne and the moon
and of the .5. planet of the head & of the face
of the dragon of the moon to find out for
the house & moment of the day Ca. 5.

And because in the Ephemerides
the moving of the sun & the moon & of
the .5. planet also of the head & the face
of the dragon of the moon be committed to the
middell of the day, of the house day they be
ascribed to the number, and it is necessary
the moving of the sun to have the moment of
the day for the continuall moving of all the
planets. It shall be convenient in this place to give
a generall order by the house the moving of

the

every planet in every momente may be taken of
the Ephemeride and that by an small round revolve
of proportion in this manner. In the first place write
the number of the 24. hours of the day
naturally in the second place the daily moving
of the planet whiche by subtraction of the
moving of the day frome the moving of
the said planet of the day immediately
followinge if it be direct or contrary if it
be retrograde it gathereth. In the third place
the time in hours & minutes to what moving
you will. The whiche moving so to the
revolve of proportion disposed lett the second
number be multiplied by the third or to
the contrary & that whiche it producyth lett
it be dyvided by the first. Then add the
quotient therunto if it be the planet be direct
or subtra it if it be retrograde frome
the moving in the Ephemeride. Writthen
of the day. And that remayne therof shalbe the
true place of the planet requyred at the
time.

To Gather surely the horer moving
of every planet you will. Ca. 6.

For the howe movinge of any
planete the Table followinge ys
made. The use wherof ys thus
Take the dayly movinge of the planett
whose howe thou sekest by subtraction of
the lesse movinge from the more accordyng
to the doctryne of the Canons aforesaid then the
dayly movinge setthe out in the table in the
firste order of the numbres towardys the left
hande whiche must be to the degree and
mynt of the movinge of the day. Then
after towardys the right hande of the same
table you shall fynde myntes second or third
or thurd that ys the howe movinge of the
planett. By this maner of condicion of the dayly
movinge be a degree the firste number
shalbe a mynt the seconde a second. If the
firste hour & mynt the firste number
shalbe a second the seconde a thurd accordyng
to the notation of the titles sett in the head
of the Table.

g ^m	m ^m	2 ^m	g ^m	m ^m	2 ^m	g ^m	m ^m	2 ^m	g ^m	m ^m	2 ^m
m ^m	2 ^m	3 ^m	m ^m	2 ^m	3 ^m	m ^m	2 ^m	3 ^m	m ^m	2 ^m	3 ^m
1	2	30	16	40	0	31	77	30	46	115	0
2	5	0	17	42	30	32	80	30	47	117	30
3	7	30	18	45	0	33	82	0	48	120	0
4	10	0	19	47	30	34	85	30	49	122	30
5	12	30	20	50	0	35	87	30	50	125	0
6	15	0	21	52	30	36	90	0	51	127	30
7	17	30	22	55	0	37	92	30	52	130	0
8	20	0	23	57	30	38	95	0	53	132	30
9	22	30	24	60	0	39	97	30	54	135	0
10	25	0	25	62	30	40	100	0	55	137	30
11	27	30	26	65	0	41	102	30	56	140	0
12	30	0	27	67	30	42	105	0	57	142	30
13	32	30	28	70	0	43	107	30	58	145	0
14	35	0	29	72	30	44	110	0	59	147	30
15	37	30	30	75	0	45	113	30	60	150	0

How to fynde otherwise that we have
ye tangge afor^e Ca. 7.

Take out the dayes movinge of the planett
of the wege how afor^e to knowe the
howe by the forsaide and also the same

then add to that doubled the halfe dayes moovinge of
the said planet and that comynge therof sheweth
the true horer moovinge of the said planet/never
thelesse you must change the denomination of the
fraction by some difference of denomination in the
order. If the dayly moovinge drawne out be
a degree lett they be the firste number of the fraction
of the moovinge of the horer be a mynute. 120.
seconde a seconde/ But if the firste number of the
dayly moovinge holde a mynute/ the firste numb^r
of the fraction of the moovinge of the horer shalbe
so gauged shalbe a seconde/ the seconde a thirde
and so consequentely.

To fynde out the true and equate
argumente of the latitude of the moone/ Ca. 8

The argumente of the latitude of
the moone is the distance of the
bodye of the moone from the head
of the dragon. Therfor to have the argumente of
the latitude of the moone, take of the Exprimed
the true moovinge of the moone and of the head
of the dragon of the same for a certayne tyme
markyd and the lenth of the same moovinge
resolue theyme in numbers by the table of the
lenth of the 12. signys of the zodiac. and y
true moovinge of the head of the dragon of the

moone

7
moone taken from the true motion of y^e moone
the .12. signys taken therin / of the subtraction
maye not otherwise be done bynynges out of
very true & equate arguments of the latitude
of the moone

To shewe the very true latitude of
the moone every moment. Ca . 9.

Entre into this table and forye
the signe of the arguments of the latitude
of the moone founde out by the Canon
aforesaid - either in the head or in the foot of the
table / wher you have founde the signe in the
head of the table / take then the degree of the
arguments in the line of number of degree
of the left side from the head of y^e table to y^e
foot therof ascending / and in the common angle
or summe together of the wyth of the signe and
degree of the arguments of the latitude of the
moone you shall finde the latitude Septentrional
ascendent or meridional ascendent of y^e moone
by degree & minute written / Septentrional
ascendent is the arguments of the of the latitude
of the moone . 0 . 1 . / or els it shall hold 2 . in
signys / Meridional ascendent is the argu-
ments of y^e latitude of y^e moone . 6 . 7 . or . 8 .
signys possesse / wher of the signe of the
foresaid

forfaide argument of the latitude of the moon be
founde in the foot of the table / take the degree of the
same in the line of the number of degrees on
the same right hand of the table goinge upward
and in the same angle of the signe & of the
same degree of the argument of latitude of the
moon / the latitude septentrionall descendent
or else the latitude meridionall ascendent you
shall perceyve in degrees & minutes / whiche
declare to be septentrionall descendent if the
argument of the latitude of the moon be .3. 4.
or .5. of signys / But to the argument of the
latitude of the moon .9. 10. or .11. in signys /
Meridionall ascendent / Ifmorer if to the
argument of the latitude of the moon certayn
minutes be annexed. Then you must enter
two manner of wayes (as yt ys shewd) the
difference to be taken awaye and the part
proportionall accordyng to the proportion
of the minutes to the whole degrees to be given
whiche add or dymynyshe from the common
angle accordyng to the arte of astronomye
requyryth /

To determine the
latitudes of the .s. planets
in certain dayes & howe
Ca. 10.

Thow mayst

behold the latitudes of the
.s. planet Saturne Jupiter
Mars/Venus and Mercury
in the Ephemerides. at the
daye .1. 10. and .20. in
degrees and minutes in the
end of the left side of the left
under the letter of the .s. planet
also the parts of
the latitude and all the foregoing
things ye shalld by two little
wheels the rolling of the
planet in the ephemerides
beare that ye in the two
S. & .s. ye shalld
Septentrional ascendent
and so. S. D. Septentrional
descendent ye shalld. So
M. & .s. Meridional ascen-
dent. And. M. & .s. descen-

signes.

The table of latitude of the mon

Septentrional ascendent

Si 0 | 1 | 2 | gres

Meridional. descendent

Si 6 | 7 | 8 | gres

gr. m. g. m. g. m.

0	0	0	2	30	4	20	30
1	0	5	2	39	4	22	29
2	0	10	2	39	4	25	28
3	0	16	2	43	4	27	27
4	0	21	2	48	4	30	26
5	0	26	2	52	4	32	25
6	0	31	2	56	4	34	24
7	0	37	3	0	4	36	23
8	0	42	3	4	4	38	22
9	0	47	3	9	4	40	21
10	0	52	3	13	4	42	20
11	0	57	3	17	4	44	19
12	1	2	3	21	4	45	18
13	1	7	3	24	4	47	17
14	1	12	3	28	4	48	16
15	1	18	3	32	4	50	15
16	1	23	3	36	4	51	14
17	1	28	3	39	4	52	13
18	1	33	3	43	4	53	12
19	1	37	3	46	4	54	11
20	1	42	3	50	4	55	10
21	1	47	3	53	4	56	9
22	1	52	3	56	4	57	8
23	1	57	3	59	4	58	7
24	2	2	4	3	4	58	6
25	2	7	4	6	4	59	5
26	2	11	4	9	4	59	4
27	2	16	4	12	5	0	3
28	2	21	4	14	5	0	2
29	2	25	4	17	5	0	1
30	2	30	4	20	5	0	0

Septentrional descendent

Si 5 | 4 | 3 | gres

Meridional ascendent

Si 11 | 10 | 9 | gres

signyfyer Meridionall Ascendante / whiche yf thou wilt
have & certen and sure latitude of a planet to any
daye of the monethes, those ymmediately the differenc
of two latytudez wrytyng whiche thou shalt dyvide by
the number of the dayes fallinge betwene. so shall
yt come out in the quotiente how manye for everye
daye of the latytude of the said planet yb to be
addyd or to be dynnysshed, as the order of astro-
nomy requyryth. But yf yn any Colurme of
any planet the letter S. or M. stande then
part of the latytude of the said planet yb changed
ffor yf yt be. d. or. C. then the Ascendante of
the Descendante yb changed accordyng to the
signyfication of the letter / whiche yf yt stande
in the dayes betwene that yb from. 1. to. 10. or from
10. to. 20. / Or els from. 20. the parte of the latytude
yb changed into. 1. of 2 monethes folowynge / Then
the daye in the whiche yt yb changed yb no latitude
of planet / And yf before this daye for any dayes
fallynge betwene the latytude yb sought for. / Then
the differenc shalbe such as yb signyfied expessed
a booght the next daye before the daye / And
so yt yb for any dayes fallynge betwene after / whiche
also yb to be numbered from the daye in the whiche
the latytude was changed & hettill before / Yf
you wyl the howe loke uppon the. 6. Canon
herof. / /

f

9

To fynde the aspect of the planettes to
the moone and of other betwene theym
selvy. Ca. 11.

I n the right syde of the Ephemeris,
redes vnder the raretye of the Sow & of
vny other planett thou shalt fynde the
raretye of the aspectt wch the moone hath to
the same planett as the horow sett by yt in
the vny the same aspectt shall happy /
also the coniunction, opposition & quartyle aspectt
betwene the Sow & the moone by cause they
haue more higher powerrys than other planett
both of the horow & mynors as sette / In
the same syde toward the right hande is owt
the colupnyes of the planettes as shewyd the
aspectt of the planettes betwene theym selvy
& the Sow of any happy and also the coniunctio
of Caput & Cauda to the moone

To shewe the treme tyme of any coniunction
or. opposition or quartile of the Sow & moone
to vny meridian. Ca. 12.

f yrste the lyne of the nowmber
in the right syde of the Ephemerids

contynue the dayes of the monethes to shall. above
 written, next the which contrary or agaynst the
 same you maye see the Larcie of Coniunction oppositio
 or quartile in a double order of number. Wherof
 the fyrste sheweth the howre, the other the mynute
 in the which the Coniunction apposition or quartile
 of the Sonne & moone dothe happen to a certayn
 meridian for the which the calculation of the
 Ephemerides is made. If thou wolt the same
 to any other meridian, entre the table of the
 Cyrcles opposit of the place purposed or next
 and take ther the howre & minute. or the
 minute alone, under this tytle, Time / and add
 ther to the howre & minute of Coniunction oppo-
 sition or quartile. If thou fynd the the markes
 A. // or what if thou fynde M. whiche
 signifieth. minute. and thou shalt have the
 tyme of Coniunction apposition or quartile what
 so ever it be / rectified to the meridian opposit.

To know the tyme of the sonde moone
 if ther be any that growe. Ca. 13.

no

Whether ther shall come Eclipse
 or noo in any yeare to com the first
 leaf of the Ephemerides in a certayn
 tyme appropriate declareth /

10
To investigate whether the Eclipse shall
abound the head or the tail of the Dragon
called Caput & Cauda Draconis, and
whether it shall be whole or particular, and
if it be particular whether it shall be
trigonall & of north or meridonall or
of south. Ca. 14.

In the right side of the Eclipse,
meridionall consider the condition of it
be of the Sun or the opposition of
the Eclipse be of the moone, and the farther
of the head or of the tail, set opposite between
the parts of the Sun & of the planets between
them selves shall manifest the same. For
the picture of the Eclipse be so placed that it
made manifest to the beholder whether the
whole or particular & what part be eclipsed also
in the same figure the superior part north,
the inferior part south, the right side west, the
left side east, the distance of astronomical
distances shall be wont to nominate.

To counte the time, & of the beginning
the middle & the end with the whole con-
tinuance of every Eclipse. Ca. 15.

A

the hed of this Chapt sheweth
the tyme of the halfe Eclips. yndayes
howevert & mynute to a certayne m^{er}it
maye fownde theoretycally the calculation of the
Eclips. wher yf yfustitute the begynnyng
whereof yf you wyl knowe, & what the halfe
duration yndayes & mynute under the forsaide
tyme from the tyme of the Eclips & the
residue sheweth the tyme of the begynnyng
of the Eclips / and the same halfe duration
addyd to the tyme of the halfe Eclips & yf
produyd sheweth the end thereof and the same
doubled sheweth the duration or continuance
of the whole Eclips from the begynnyng to
the endinge / And yf you wyl drawe this out
to any other meridian they the howevert & mynute
or mynute only fownde in the table of notable
Cyrcles opposit of the place purposed or that
yf most m^{er}it under the title, Tyme / And to
the tyme of the halfe Eclips yf you fynde this
Note. A. or els mynute yf you fynde. M.
and you shall fynde the tyme of the halfe Eclips
rectified for the meridian purposed to the
where you maye work by a like maner to

11
showe the begynnyng the ende, & all the duratio
as ys aforsayd /

To shew the taryenge of the moone bodye
of the moone byddyn vnder darknes Ca. 16.

Entre into this table folowynge here
vnto amoyd, of the taryenge of the
moone to poynts & mynety ellipticall
ynclinate the set above the Ellipse & agaynst
the poynts and mynety propound or mte vnto,
if they be not founde precisely / howe salt fynde
the howert & mynety of the moone obscuration
of the moone / and the halfe of the taryenge
put awaye from the tyme of the drawe oppo-
sition or of the halfe Ellipse, that ys left ^{part} the
begynnyng and the same addyd to the ^{part} the
showe the ende of the moone obscuration
of the moone /

The Table of the taryenge of the moone
vnder darknes all the tyme of her apertow
foloweth.

Done /

of daye, and you shall fynde the Elevation
of the poole in the begynnyng of the table. &
the daye of the Son in the left side / If
you seeke the sygne of the Son you shall fynde yt
in the hedde or in the right side. If yt be founde
in the foot & in any angle comon, yt sheweth
the halfe daye, yt the Son revolveth aboute an
north sygne or halfe the right of yt compass
& southe sygne in howe & mynute / The
com of thesre begynne founde from the .12. howe
subtrahed, the rest sheweth and so by the halfe
quantite of the daye you shall knowe the going
downe of the Son and also by the halfe mynute
you shall knowe the risinge / And also of thesre
doubled the halfe daye and the halfe mynute
sheweth the lengthe of the daye of the daye / And
if the quantite of the daye be knowne unto y
the same subtrahed from .24. howe / the
quantite of the mynute shall appere / And by
wyse by a contrary maner the daye / And
if any mynute be annexed to the whole daye
belonginge the enteryng of the table (at yt
yt went), & parte proportionall to .60. mynute
yt to be taken for the difference of the table yt
veray small & litle, and southe the yt

nothing. 0.

nothinge therfor of the degree of the son vnder
 30 for the same to be taken any whole degree
 of the be lesse, the be to be put away, and
 the operation shalbe playne yonges

The north signys

V. 8. II. 5. 1. 11.

Of the quantite of
 the halfe daye.

The south signys

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

Of the quantite of
 the halfe nyght.

To tyme the astronomerall horours taken from
the myddaye into horours takynge the beginning
at the ryfynge of the Son or goynge downe or
frome mydnyght. Ca. 18.

In the Ephemerides the
accounte of euery horer ys takyn or
referryd to the myddaye. For as much
as yt ys the use to many nations to number the
horours from the Son ryfynge, to other from the
goynge downe of the Son, and to some the halfe
frome mydnyght to none / the reduction of the same
ys vased to astronomerall horours (the same
style is obserued). For if you wyl requate the
horours from the goynge downe of the Son to the
astronomerall horours. Take a waye the
tyme of the halfe daye by the foresayd proposicion
founde, frome the horours proposed from the
myddaye, and the residue declareth the horours
from the goynge downe. And you shall fynde the
requation in requatynge to the Son ryfynge / If
you rebate the tyme of the halfe myght from the same
12. horours cast to. But if yt be frome myd-
nyght (the same be comityd) accordynge to the halfe
horologe or clock / subtra. 12. from the horours
proposed / and the residue shall shewe the horour
from

from myddnyght. It behovyth the howers of the halfe
Clock from the myddaye, to agred wyth the astro-
nomyall howers unto .12. & clock of the nyght.

To sett out a figure of the hevyd artificially
to what moment you wyll. / Ca. 19.

yrste of all ther by two thyngs
to be taken hede of for the rectitoun of
the Canon. That ys the trewe plan
of the son, and the trewe and equat tyme for
whom thou intendest to write y^e figure of the
hevyd. Therfor if thou wyll recte the figure
of the hevyd to the myddaye, the trewe plan of
the son for that myddaye taken. Entre unto y^e
table seruyng to the habytaryon, sekynge the signe
of the son in the hede of the table; the degre of y^e
son undermeth in the lyne, under the Tytle. 10.
That ys to save of the. 10. howse / And you shall fynde
in the lyne overthwart towarde the ryght hande
agaynst the degre of the son, the begynnyng of
the. 6. howse of the hevyd. That ys of the. 10.
the. 11. the. 12. of the fyrste. 2. and thyrde.
Of all the other. 6. howse you shall fynde the
begynnyng, by conformable degres of opposite
signes.

14

signy. / But if you will write & figure of the
 horizon to any other time at after none / Take at
 aforesaid, the true place of the Eoid of the Ephe
 merides for the mydday or none / w^{ch} the w^{ch} w^{ch}
 true place of the Eoid, entre into the Table of y^e
 horoscopes of the habytation at aforesaid, and against
 the degre of the Eoid towards the left hand (the
 time in horoscopes & mynute degree found) w^{ch}
 • the time is out / and add it to the said time.
 for every .15. mynute abougst the degre of the Eoid
 found, almoste annuete for the parts proportionall
 of the two Introtyd / Also to the said time so
 w^{ch} is out add the time purposed at after
 none, by the manner of astronomy, the horoscopes to y^e
 horoscopes the mynute to the mynute for every .6. horoscopes
 also, from none past, in addyng to any horoscopes
 a mynute / The cause that one revolution of the
 firste mobile is finished in .24. horoscopes & .4.
 mynute. And if the growe to more than .60. for
 the .60. mynute put a wage, w^{ch} any horoscopes.
 And if the be more than .24. horoscopes gathered the
 same .24. horoscopes abwrite & put a wage to the
 residue in horoscopes & mynute if any remayn
 thou shalt entre agayne, under the title. Time
 from the mydday / and you shall see out dely
 gently the said time gathered, for agaynst the same

time /

signe or the mooste nrest forwode, you shall fynde the
begynnyng of the .6. horoscopes to the full degree
as afor. Of the other .6. horoscopes, the begynnyng
shall be made manifest by the signs opposite
To the first hadde added some table of the horoscopes
of the zodiac, for only some latitude or elevation
of the pole, that is .29. degrees $\frac{1}{2}$ northward
for the two next latitudes collaterall. that is to say
48. & 50. and above in degrees may be used to
avoid any sensible error. They that do desire the
table of the horoscopes of other latitudes let
them take copies of the same of other commentaries
or copyists. For this reason is general, and
therefore it serveth to other tables of horoscopes.
They shall suffice therefore to the full degree of the
12. horoscopes to the begynning in the art of astro-
nomie, notwithstanding more narrowe the
calculation to the degree & minute of the begynning
of the .6. horoscopes. Let you also hold the work
of Orontion of Master John de Monte Regio,
the more so most particularly with the figure of the
zodiac to degree & minute.

15
To sett in the place of the figure of the
planets and fixed stars masterly. Ca. 20.

y the asor/aid, with a figure of

the .12. houses of the house or by any other
manner. **T**hey diligently consider, whether
the place of the planet taken of the **Explanations**
be of middell house & degree of the corner of
the two next houses or not. for if it be of the house,
for if it be of the house, put the place thereof in the
same house of the figure, **S**o likewise in
all other houses. So likewise in other
houses, the planet in the same house, which
house comprehendeth the degree of the planet.
But if the planet have latitude and be near to
the corner of any house, it fortyneth southward
the same to fall in the house following, and
southward in the house precedent, according
to the largeness or greatness of the latitude and
parts thereof. **B**ut by cause the thing is sumptuous
laborious to the beginner, for the present
we shall leave off, and will so well more
partly & more fully sort the house figure. Let
the reader look upon the Table of Directions of
the most lost learned man, **M**aster John de
Monte Regio. in the .121. Probleme. **A**nd

giv

Here yt ys highly to be noted, that amonge the
 Astronomers, dayes equall be vsuall only
 for the necessary measure of the moonyngs
 And therfor eue moonyngs ys sought in dayes
 equall, and not vnequall. For the cause, all
 contrary oppositions & quartelys of the sublyt
 calculat by of equall dayes, as also the
 moonyngs. But that they maye also serue to the
 vnequall dayes, therfor ys added vnto the
 the Equation of dayes. For also accordyng to
 the tyme, the ascendent ys taken of vnequall
 dayes. For the tyme ys of dayes of vnequall
 sort, or naturall, other differencyall or reall
 whiche ys amonge all, in the nature of thinges
 euey wher, and accombrayd. That tyme ys
 not apt for measure of moonyngs. For yf
 thou comtise the moonyngs for a set tyme.
 Subtra the equation of the dayes, from the tyme
 sett / that yt may be apt for the collectyon of the
 moonyngs of the dayes equall. / wherfor also y
 Table of the moone, sett after, subtraiges from
 the plan of the moone mynute, whiche be referred
 to the equation of the dayes, that the plan of the
 moone be made to the vnequall dayes / wherfor
 yf thou wolt to put in the plan of the moone

to the arguments of the Conjunction Opposition or
Quadrature. **F**irst set the place of the Sun of the
same day in the Table of the moon following. The
sign in the toppe, the degree, or moost nearest, in
the left side. And in the common angle thou shalt finde
the quantity of the moving of the moon, to any tyme
thou takest, for the equation of the dayes. **T**here
also any other thinge to be met in the moving of the
moon for the diversitye of the meridian reckoning.
For the Epheemerides ye made to any certayne
meridian. wherfor other notable places whiche
be under any other meridian. whiche also are described
of the habours the sea / to the moving of the
moon verified as aforesaid the quantity in the
table of notable recte under the letter of the
moon, against the Cypher the Add or subtra.
as the letter. R. or M. be adrected to the said
quantity. And other planetts by cause of the
flourish of the moving, they need not the
forme of reformation.

The conjunctions and aspectes of the Sun &
the moon and planetts accordynge to the
affection of the sept spheres, next to the
which they happen other & other effect to
declare Ca. 21.

hat which ye put in this place
directeth in the third problems of the

first

fyrste partyle, also plynne in the Secounde booke of the
 naturall hystorie the 39. chapitre confirmeth the
 same. Therfor the true place and habitude of
 the feyred starys are to be knowyn. For the resynge
 of the starys of Orion. of Arcture, of Virgile
 and Caniculus they shew by woundys and stowys
 or els by wounte to bryng clereynesse to the betwene
 bothe. Myghter thes be the power of the starys goyng
 abougst at sund tyme, but also of many other in
 the heuyn, so often as they be put bak in the acress
 of the wyng starys or els be our rask in the
 counte of the heuyn, as we ppyce to examyn in
 the tables wryte the Exels for the same
 cause namyng the heuyn. Nadars. As also
 we fynde in the byrtys of many the fyre starys
 so graunte meruelous felicity. For the same
 cause we have annexed a table of certayn notable
 starys fynysh by the wynges shalbe shewyd to the
 bothe resynge, goyng down and of the the me-
 dyacions of the heuyn for the meridian & elevacion of
 the pole. 49. As by the Exempla. Under the
 dothe resynge. 5. 9. 47. of II. wherfor wryte
 the same starys goyng down. 4. 9. 48. of V. in
 the wynges degre & mynat of the sign, as the heuyn
 yt goyng down to the starys & to the same
 the resynge of the planettes wryte the latitude from the
 eclipticall lyne. behold the table of. John de monke
 bygn. behold also the angles of the figures of nativite
 or of other ppyntes. For the the horoscope of the

r Ceti
 the
 p the
 l. y
 of d

17

figure do quadrat or ioyne wth the figure in degree or
minute of the response of any star ther put. **A** now
the same star directly to be sett in the degree of y^e
ascendant, so take y^ede lyke waye of y^e other angles

The Table of the mooring of the moon

| G. | V | 8 | II | ☊ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ |
|----|---|----|----|---|---|----|----|----|----|---|---|---|
| 0 | 4 | 9 | 10 | 8 | 6 | 8 | 13 | 16 | 15 | 8 | 2 | 0 |
| 2 | 4 | 9 | 10 | 8 | 6 | 8 | 13 | 16 | 14 | 8 | 1 | 0 |
| 4 | 5 | 9 | 10 | 8 | 6 | 8 | 13 | 16 | 14 | 7 | 1 | 0 |
| 6 | 5 | 9 | 10 | 8 | 6 | 9 | 13 | 16 | 14 | 7 | 1 | 1 |
| 8 | 5 | 10 | 10 | 7 | 6 | 9 | 14 | 16 | 13 | 6 | 1 | 1 |
| 10 | 6 | 10 | 10 | 7 | 6 | 9 | 14 | 16 | 13 | 6 | 0 | 1 |
| 12 | 6 | 10 | 10 | 7 | 6 | 9 | 14 | 16 | 13 | 5 | 0 | 1 |
| 14 | 6 | 10 | 10 | 7 | 6 | 10 | 15 | 16 | 12 | 5 | 0 | 1 |
| 16 | 7 | 10 | 10 | 7 | 6 | 10 | 15 | 16 | 12 | 4 | 0 | 2 |
| 18 | 7 | 10 | 9 | 6 | 6 | 10 | 15 | 16 | 11 | 4 | 0 | 2 |
| 20 | 7 | 10 | 9 | 6 | 7 | 11 | 15 | 16 | 11 | 3 | 0 | 2 |
| 22 | 8 | 10 | 9 | 6 | 7 | 11 | 16 | 16 | 10 | 3 | 0 | 3 |
| 24 | 8 | 10 | 9 | 6 | 7 | 11 | 16 | 16 | 10 | 3 | 0 | 3 |
| 26 | 8 | 10 | 9 | 6 | 7 | 12 | 16 | 15 | 9 | 2 | 0 | 3 |
| 28 | 8 | 10 | 8 | 6 | 7 | 12 | 16 | 15 | 9 | 2 | 0 | 4 |
| 30 | 9 | 10 | 8 | 6 | 8 | 13 | 16 | 15 | 8 | 2 | 0 | 4 |

On the other side followeth the table of
the first survey wth y^e response & goinge
downe and the mediation of y^e heven recty,
fynd to the yere of o^r lord. 1540. complete,

| | Longi
tude | lati
tude | alt | mag | sign | Gomng
dorm | Middil
of her | Nature
of stary |
|------------------------|----------------|--------------|-----|-------|----------|---------------|------------------|--------------------|
| | sig g m | g m | D | E | sig g m | sig g m | sig g m | |
| Venter Ceti | Y 15 5 20 0 | m | 3 | II | 5 47 | Y 4 48 | Y 23 26 | h |
| Coruna V | Y 26 45 7 20 | S | 3 | Y | 1 53 | 8 1 6 | Y 23 49 | ore h |
| Caput algol | 8 19 45 23 0 | S | 2 | p | 24 2 | II 25 30 | 8 11 50 | h littil ♀ |
| Media pleiaden | 8 22 35 4 40 | S | 5 | 8 | 9 19 | 8 26 35 | 8 21 19 | de f |
| Hyad | II 0 25 4 35 | m | 3 | II | 9 44 | 8 26 33 | II 1 24 | h littil ♀ |
| Orulus. S. aldeb. | II 2 45 5 10 | m | 1 | II | 12 47 | 8 28 15 | II 3 44 | ot |
| pes. si. orio. Rig | II 9 15 31 30 | m | 1 | 8 | 19 48 | 8 13 59 | II 13 35 | h |
| Humus si. orion | II 10 25 17 30 | m | 2 | 8 | 5 38 | 8 25 16 | II 12 46 | ore ♀ |
| Hyrcus agitator | II 15 15 22 30 | S | 1 | Goffe | not dorm | | II 12 6 | ore ♀ |
| Orionis nebuloza | II 17 5 18 50 | m | 11 | 8 | 11 42 | 8 29 27 | II 18 45 | ze h |
| Humus d. p. Ori | II 27 5 17 0 | m | 1 | 8 | 13 22 | II 4 51 | II 23 3 | ore ♀ |
| Camis maior. de. | 8 7 45 39 10 | m | 1 | 8 | 13 46 | 8 25 14 | 8 5 42 | ze. lit ot |
| Caput II anterod | 8 13 25 9 40 | S | 2 | II | 28 22 | 8 8 48 | 8 14 27 | 8 |
| Caput II sequetis | 8 16 45 6 15 | S | 2 | 8 | 8 37 | 8 1 34 | 8 17 33 | ot |
| Camis minor de. | 8 19 15 16 10 | m | 1 | 8 | 3 27 | II 25 39 | 8 17 7 | 8 littil ot |
| Presepe | 8 0 25 0 40 | S | 11 | 8 | 29 49 | 8 2 1 | 8 0 34 | 8 ot |
| Dorsu vrsae at. edubol | 8 7 45 49 0 | S | 2 | Goffe | not dorm | | ny 4 37 | ot |
| Alphard hy | 8 20 5 20 30 | m | 2 | ny | 2 22 | 8 9 42 | 8 13 38 | h e ♀ |
| Cor lionis. Rex | 8 22 35 0 10 | S | 1 | 8 | 22 31 | 8 22 53 | 8 22 37 | ore f |
| Dorsu lionis | ny 4 15 13 40 | S | 2 | 8 | 25 39 | 8 23 14 | ny 9 57 | h e ♀ |
| Cauda lionis | ny 14 35 11 50 | S | 1 | ny | 8 7 | 8 24 41 | ny 19 43 | h e ♀ |
| previdemiatrix | 8 2 15 15 10 | S | 3 | ny | 24 36 | m 28 | 8 8 57 | h e ♀ |
| Extra ny boud | 8 16 45 2 0 | m | 1 | 8 | 17 49 | 8 10 16 | 8 15 56 | 8 littil ot |
| Anturus boctis | 8 17 5 31 30 | S | 1 | ny | 29 42 | 8 27 43 | m 0 23 | ore f |
| Lute Coron. alfo | m 4 45 44 30 | S | 2 | 8 | 5 51 | p 23 51 | m 20 30 | 8 e ♀ |
| Altra lamp libe | m 8 5 0 40 | S | 2 | m | 7 39 | m 9 55 | m 8 18 | ze f |
| Fronte scorpiomb | m 26 25 1 20 | S | 3 | m | 25 19 | m 29 31 | m 26 46 | ot |
| Si. pres serpentarij | m 25 5 17 0 | S | 3 | m | 12 55 | 8 24 43 | m 29 1 | h littil ♀ |
| Cor scorpiomb | 8 2 45 4 0 | m | 2 | 8 | 6 46 | m 22 46 | 8 1 55 | ore h. f |
| Lysa | p 7 25 62 0 | S | 1 | 8 | 18 13 | 8 18 12 | p 4 5 | 8 e ♀ |
| Aquila | p 23 55 29 10 | S | 2 | 8 | 14 23 | m 16 39 | p 19 19 | ore f |
| Cauda Capror. | m 16 25 2 0 | m | 3 | m | 21 42 | m 14 47 | m 16 47 | ze h |
| Postrema fus. fo | m 20 5 23 0 | m | 1 | 8 | 28 21 | p 26 10 | m 29 11 | h. lit f |
| Cygnus | m 29 15 60 0 | S | 2 | Goffe | not dorm | | m 4 13 | 8 e ♀ |
| Crus Aquarii | h 1 45 7 30 | m | 3 | h | 27 15 | m 27 11 | h 4 43 | 8 h. h |
| Humus equi | h 16 45 19 40 | S | 2 | p | 26 17 | h 27 3 | h 8 47 | ore ♀ |

To know the change of y^e weather. Ca. 22.

TO know the change of the
ayre. Ptolomy prync^e of that arte
commandeth to erecte & figure of y^e
horizon, and after the nature of the Dominator
the disposicion & qualite of the ayre shalbe known
Most surely of the self Dominator opteyn^{ing} an
angle in the horizon of the change. But may
of late comande the same to be don not only
to the mynte of the condition, but also about
the quartile and vny opposicion. To this the
more doth not a lyttle worke, (byng so much
moost nere to the regyrd of the elements, for
yt ys many tymes for the qualite of the sign
& mansyon wher the passeth, and for the nat^{ure}
of the aspect wher the passeth in the ~~bow~~ &
planety, & wher ys so disposed, add the
onto the aspect of the planety betwene the
planety and to the ~~bow~~, wher the passeth alre
ration of the ayre to our ~~understandyng~~ understanding
as yt shalbe declared by the table folowynge
Also to the opening of the gate many notable
hath growen grete power and strengthe /
And of what strengthe the resynge & going

down

downe of the heven and of the midyanon of
the first starys of the heven holdyng in the
plan, yt ys cleere of aristotell **C**olumell **p**lany
and othe moost excellent lernyng wry. **f**urther
more the regressyons starys & habitudyl
to y augis of the planet, and also the
apposyts of the augis in the rarytyr &
othe lyk accordyng to **a**lkyndus & othe of
late wrytys yt ys convenient to obse & kepe
the tradycions / **A**nd that thes thynge
wrytys be now wrytyd may be made more
playn and easer. It ys to be knowen the
Dominator of the firm to the mynte of
Condycion opposicion or quartyl made or
erettyd of the **S**un & more / the same to be
wrytys in the plan of the moone and ascendet
or ab soude saye in the moost the augis hand
moost fortytydy the moone goyng afor the
same or folowynge. **T**he openyng of the
gatyng (as **a**lkyndus sayth) ys calld wry
the ynferior ys wrytyd to the superior, and so
that the house of the firm be opposit. **O**f the
openyng of the grete Jowd the house
speakys & wrytys in thes wordys, wry
the moone ys separatyd from condycion of

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any planet, or from the aspect thereof, and be con-
nected to any other planet, and the houses of those
planets be opposite. **U**nto the opening of
great stormes in the worldes calamities to come
windes and raynes as of the nature of those
planets. **A**nd these openinges of great stormes
be sett out all plainly by the table following
for the names of the houses of the first stormes the
time place, the greatest, & nature, of the persons
proper table shall appere. **T**herof also the rising
and goinge downe and the mediation of the house
the altitude of to the pole of the same. 49 degree
 $\frac{1}{2}$ from the house selfe. **W**hosoever desireth
the same to the altitude of any other pole, let
him see the 57. problem of the table of the
first motion or 13. of the table of direction
of **R**obert de Monte Regio.

The table of aspects of the planets
betweene the house selfe and to the moon
for the motion of the year. following

10/8/10/1

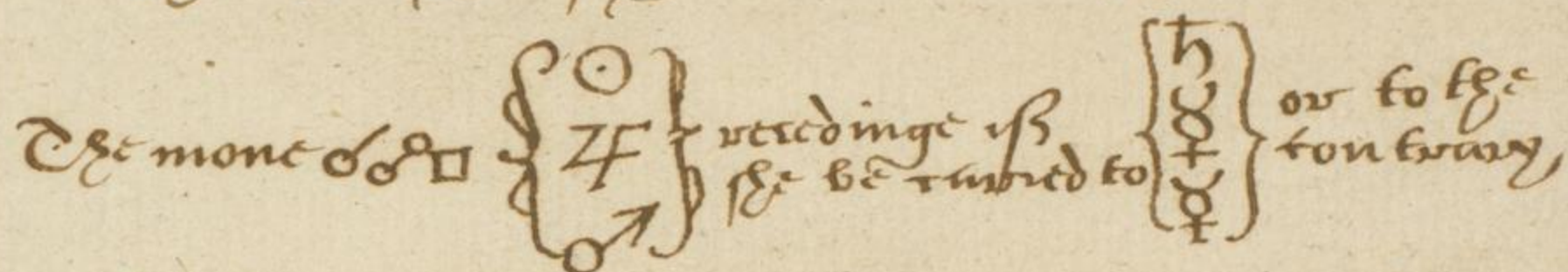
| | D | ♀ | ♀ | ☉ | ☿ | ♂ | Time |
|----|--|---|---|---|---|---|-------------------------------|
| Lh | foul. moist
cloudy. re
Great
cloudy
hail
Snow. | wynd
Rayne
Showers
Clouds
Snow | Rayn. cold
Showers
Cold
Snow | Rayn. cold
hail. tho
dr.
hail. cold
Cloudy
or snow | Rayn. foul
Thunder
hail
Rayn
Cold | troub. moist
hail. thoder
& tempest
wynd rayn
Storme or
cloudy | Here
Som
Herbst
Wynt |
| Lz | Tempe
raturess
of the
ayr. | Great
wyndis | Tempe
raturess | wyndis
thunder
lightning
wynd
Cold. | storm wynd
thoder tempest
storm wynd
Cold. | Ser
Summer
Herbst
Wynter | |
| L7 | in the
cold moist
in a hot
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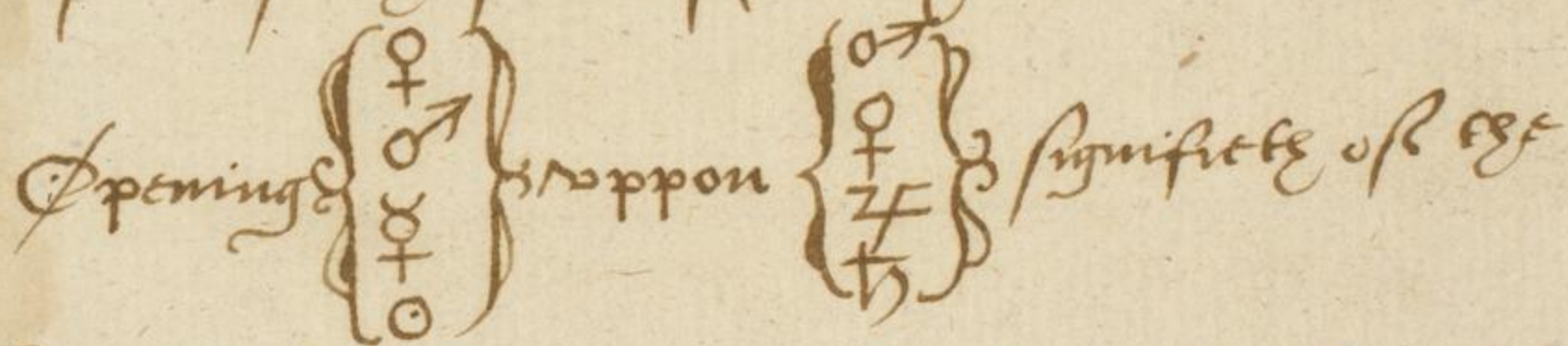
The openinge of the galyb:



The openinge of greake tempestyde



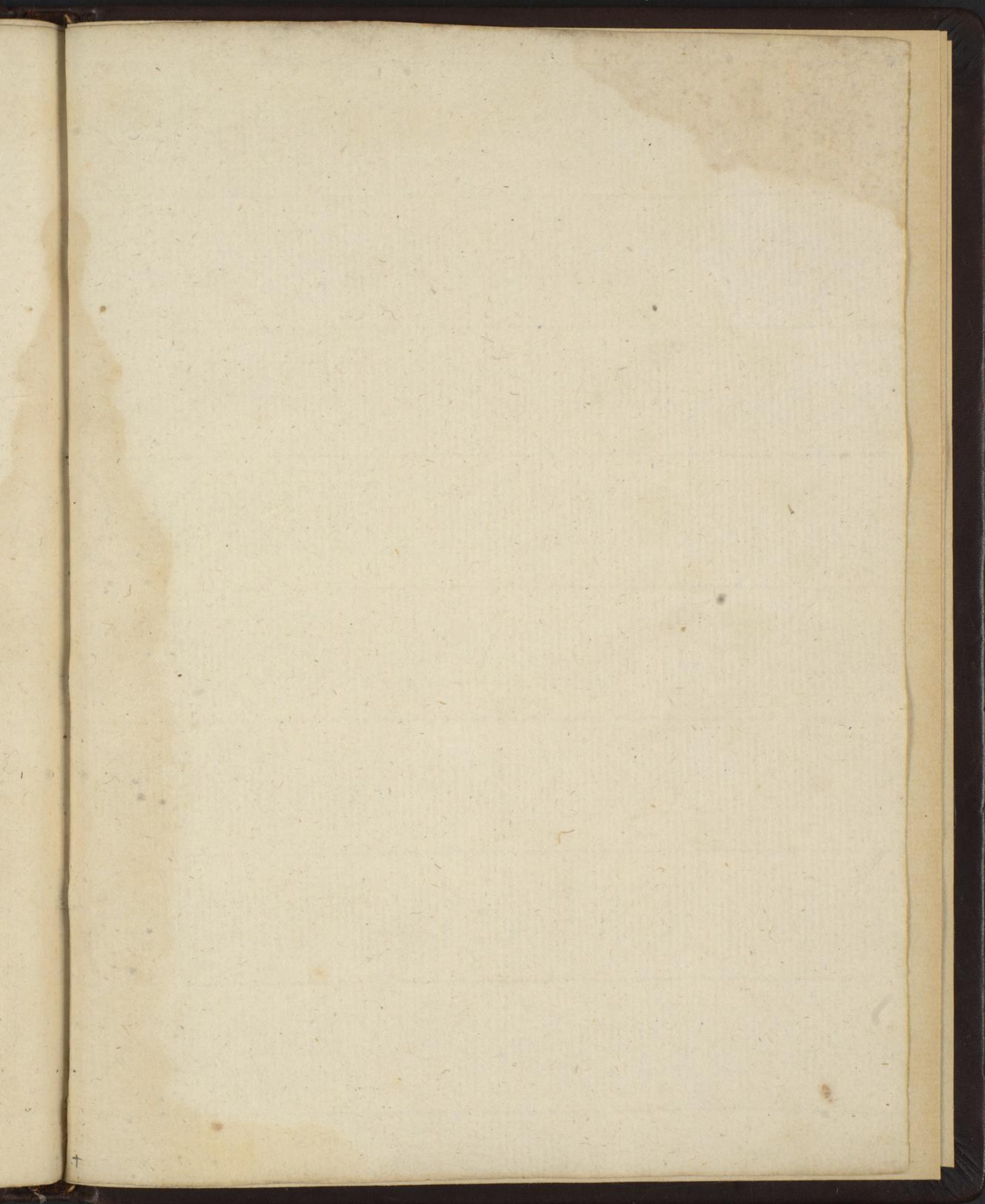
For the planet to the north the D yb fyrst lioued is sayde to open the gates vppon the same to the north the is next wynd And this is talld y openinge of greake tempestes: And in y is greake and notable change of the wyre in wind in moistnes of the ayre froldes wether of the same. For the ..

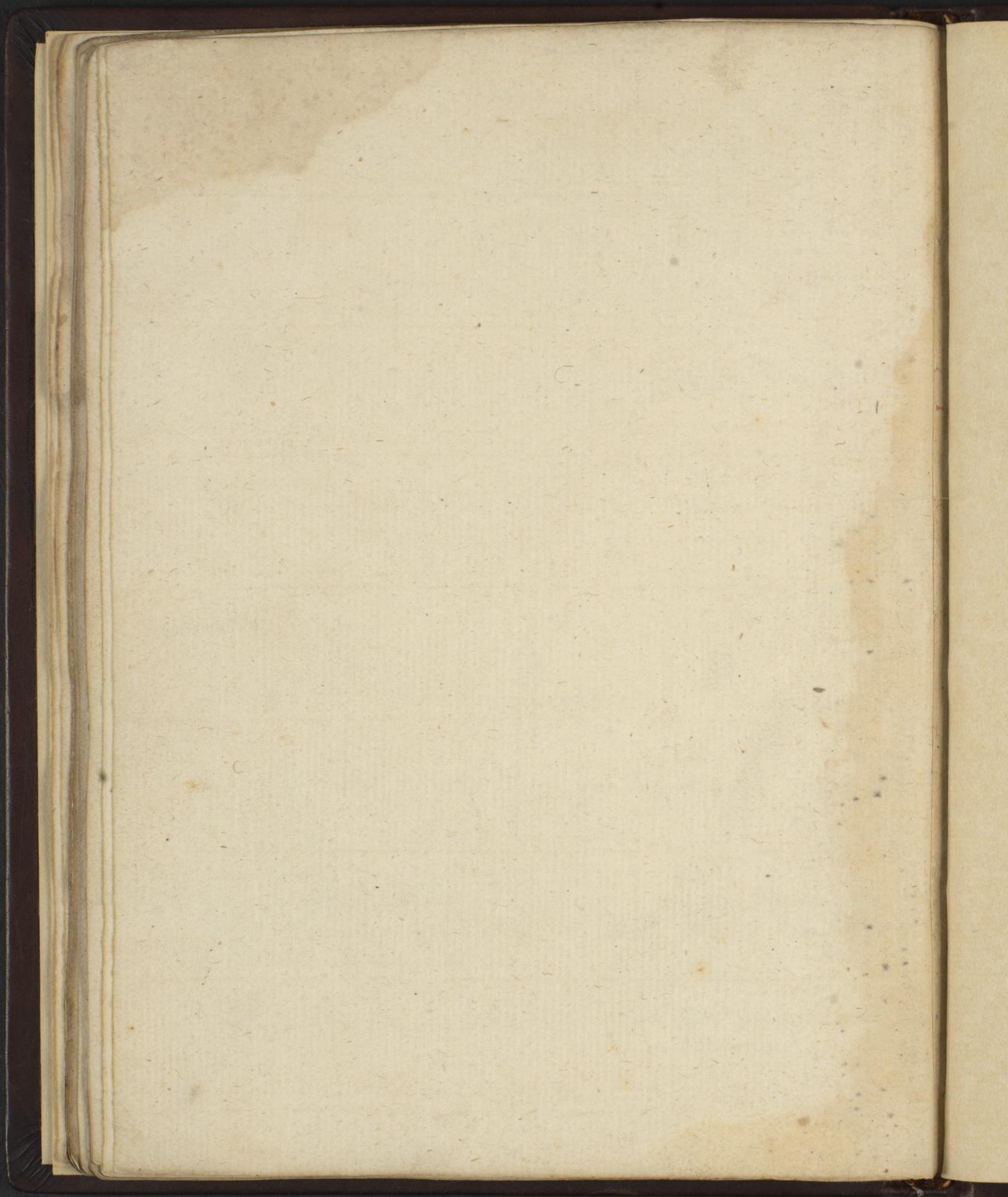


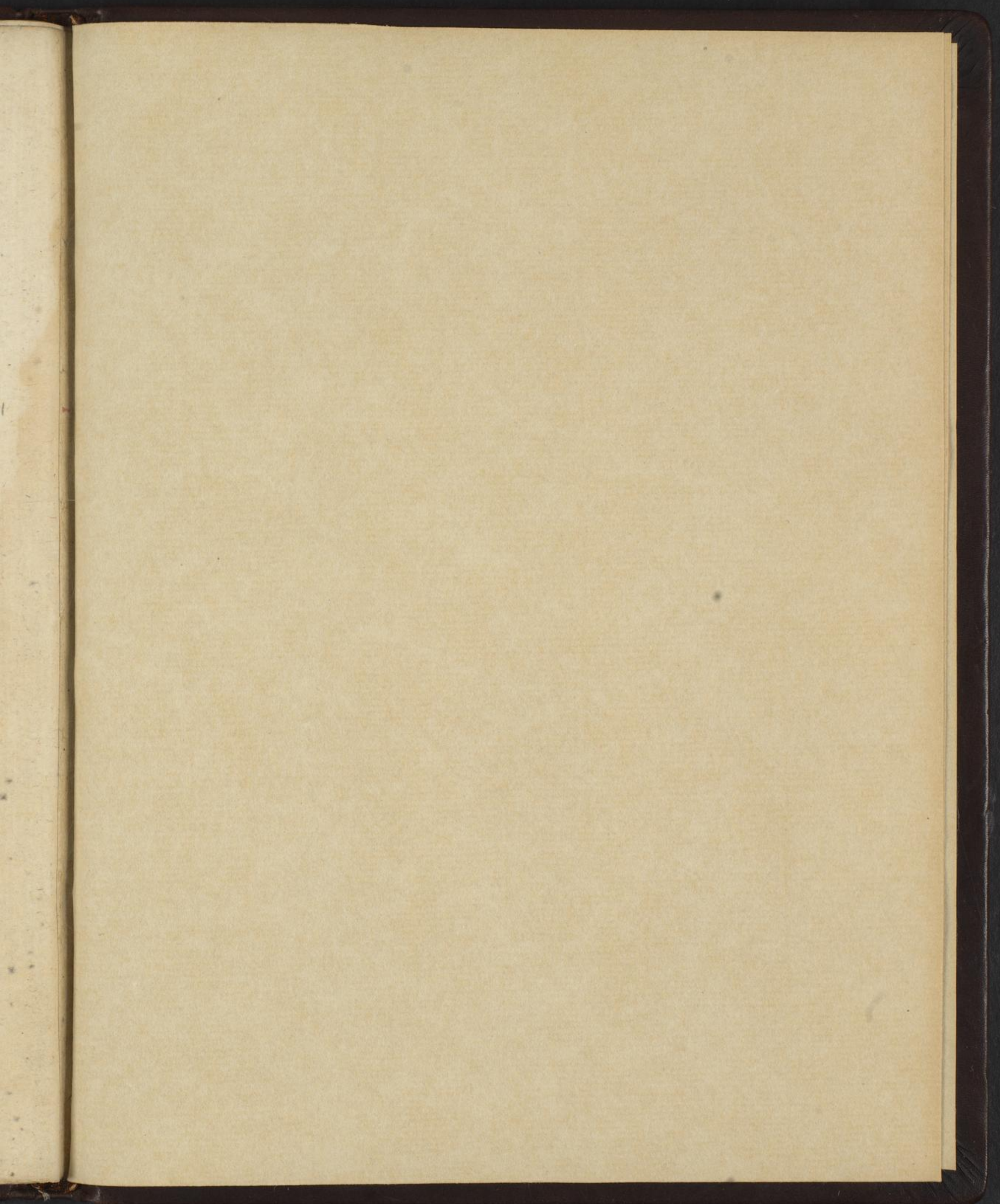
Ayre moistnes rayne thunder lightning in y sommer, in the winter Snow wth Sonth wynd wth the greake blowinge windes moste north wth the dectues of the ayre grost cloudye & ether of rayne & moistnes. In a waterfyrre singe tould y yf be holdr y planet of the wher the one openeth vppon the other it causeth greake vnguentnes of the ayre and vntableness and blowinge of wind.

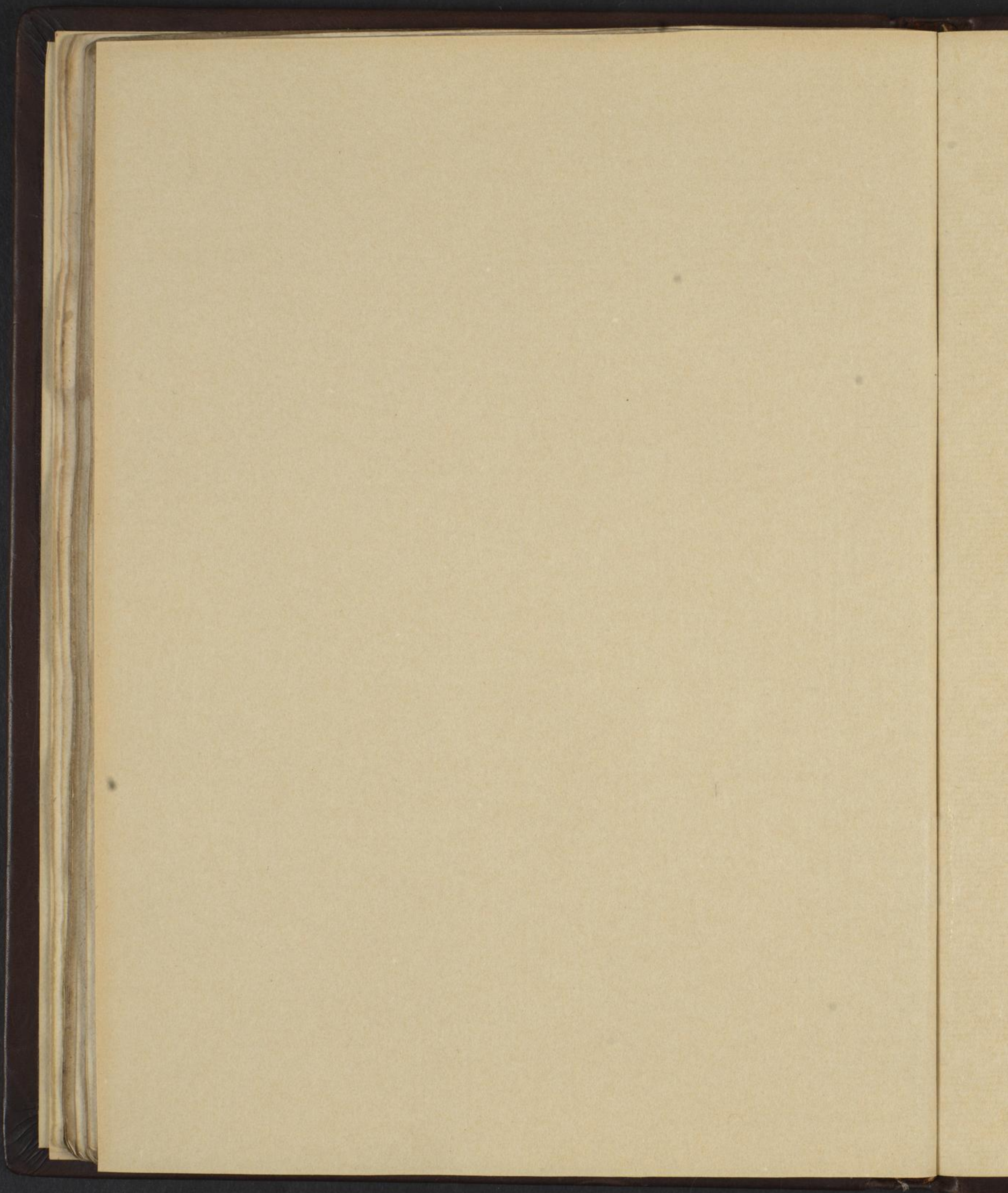
De observantia ab e. d. d. d.

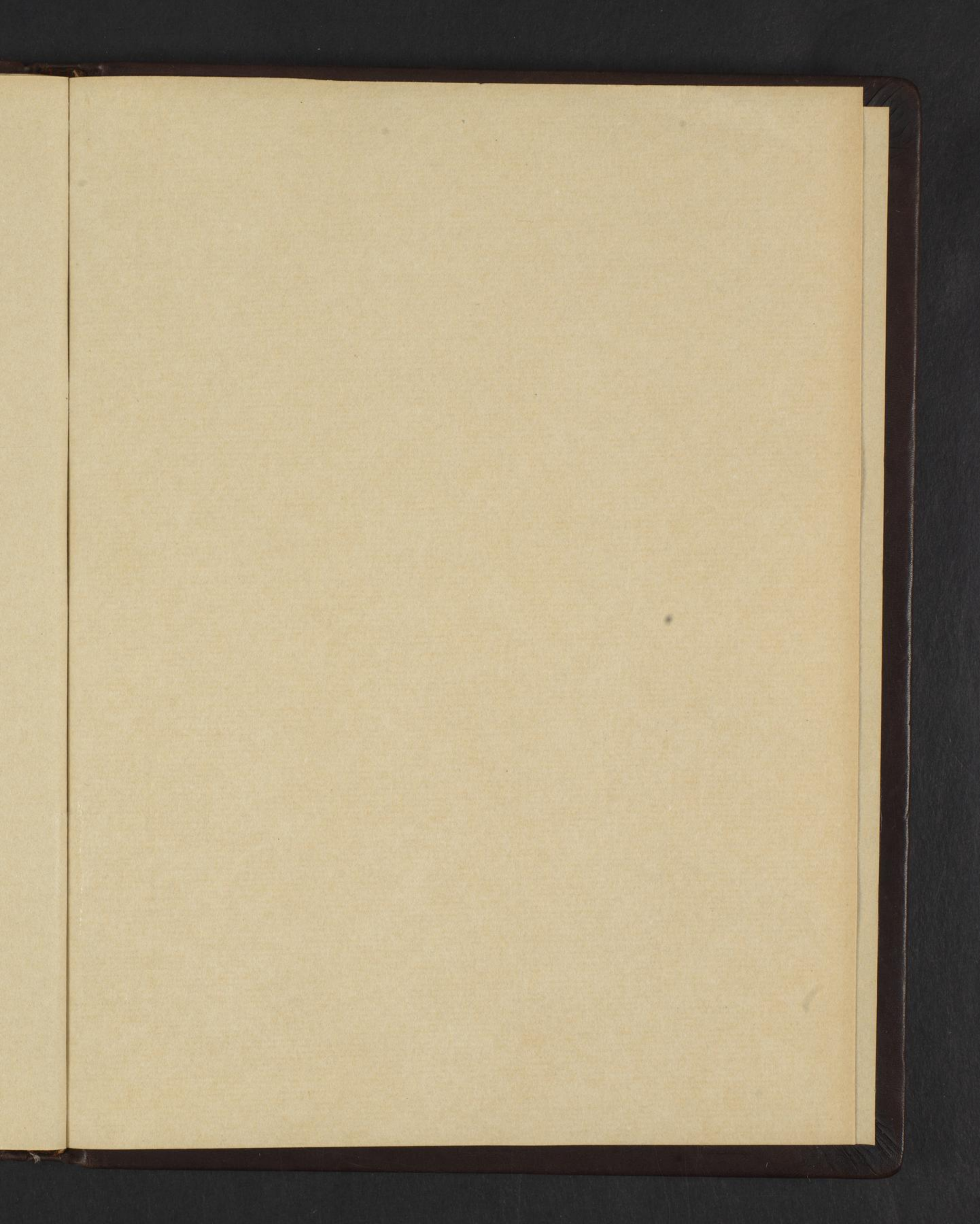
[Faint, illegible handwriting, likely bleed-through from the reverse side.]

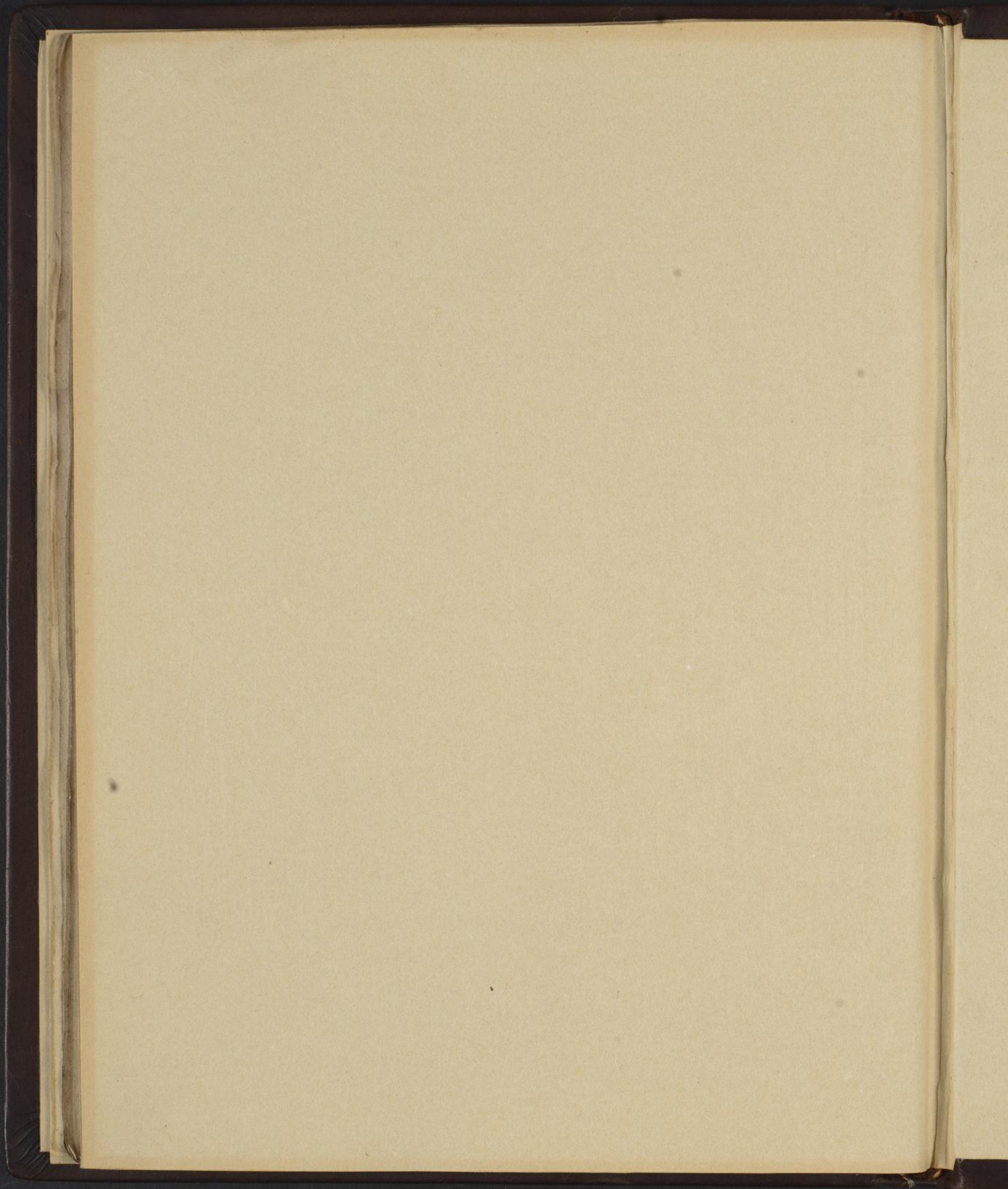












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